

## Installer - Bug #28693

### Candlepin fails to talk to qpidd listening on ::1 when connecting by hostname "localhost"

01/08/2020 03:17 PM - Adam Ruzicka

<b>Status:</b> Rejected	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b> No	<b>Found in Releases:</b>
<b>Bugzilla link:</b> 1789005	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
Cloned from <a href="https://bugzilla.redhat.com/show_bug.cgi?id=1789005">https://bugzilla.redhat.com/show_bug.cgi?id=1789005</a>	
<b>Description of problem:</b>	
We have an environment where Satellite has 127.0.0.1 and ::1 on lo interface and something along the lines of fd::/64 on eth0. In this environment, qpidd listens on ::1 only.	
In /etc/hosts we have 127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4 ::1 localhost localhost.localdomain localhost6 localhost6.localdomain6	
If we set candlepin.amqp.connect to localhost <sup>1</sup> in /etc/candlepin/candlepin.conf, candlepin goes into suspended mode.	
<b>Version-Release number of selected component (if applicable):</b> candlepin-2.9.14-1.el7.noarch	
<b>How reproducible:</b> Always	
<b>Steps to Reproduce:</b> 1. Make qpidd listen on ::1 only 2. Set candlepin.amqp.connect to tcp://localhost:5671?ssl=true&ssl_cert_alias='amqp-client' 3. Restart tomcat 4. watch /var/log/candlepin/candlepin.log	
<b>Actual results:</b> After a while these lines appear in the log  org.candlepin.audit.QpidConnection - Connection to Qpid was lost! Cleaning up current connection! org.candlepin.controller.ModeManagerImpl - Entering new mode SUSPEND for the following reasons: [QPID_DOWN] org.candlepin.controller.ModeManagerImpl - Candlepin is entering suspend mode for the following reasons: [QPID_DOWN]	
<b>Expected results:</b> Candlepin can talk to qpidd, these lines appear in log  org.candlepin.audit.QpidConnection - Attempting to connect to QPID due to status change: UNKNOWN --> CONNECTED org.candlepin.audit.QpidConnection - AMQP connection factory created. org.candlepin.audit.QpidConnection - AMQP session created successfully...	
<b>Additional info:</b>  If I drop "localhost" from the line starting with 127.0.0.1, it suddenly starts working.  It seems as if candlepin resolves the name to 127.0.0.1 and doesn't retry with ::1 on failure.	
[1] - The exact line is: tcp://localhost:5671?ssl=true&ssl_cert_alias='amqp-client'	

**Related issues:**

Related to Foreman - Tracker #28683: IPv6 only support

**New****History**

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**#1 - 01/08/2020 03:17 PM - Adam Ruzicka**

- Related to Tracker #28683: IPv6 only support added

**#2 - 01/08/2020 06:47 PM - Jonathon Turel**

- Project changed from Katello to Installer

- Subject changed from Candlepin fails to talk to qpid listening on ::1 when connecting by hostname "localhost" to Candlepin fails to talk to qpid listening on ::1 when connecting by hostname "localhost"

- Category deleted (78)

Reassigning since this is probably in puppet-candlepin

**#3 - 01/14/2020 02:58 PM - Lukas Zapletal**

WORKAROUND: --katello-qpid-hostname \$(hostname -f) installer option

**#4 - 01/14/2020 03:15 PM - Ewoud Kohl van Wijngaarden**

I don't know how in the installer we can change this. If you pass a connection URL of tcp://localhost:5671?ssl='true'&ssl\_cert\_alias='amqp-client' then that's all we can do.

This is really a Candlepin issue but we don't track issues for that in Redmine.

**#5 - 07/30/2020 02:26 PM - Ewoud Kohl van Wijngaarden**

- Status changed from New to Need more information

Now that we have Artemis and qpid isn't there anymore, I think this can closed?

**#6 - 11/02/2022 01:31 PM - Ewoud Kohl van Wijngaarden**

- Status changed from Need more information to Rejected